NZMW-02

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

OFFICE USE ONLY
Log No. 109263
Permit No.
Basin 066

NOTICE OF INTENT NO. 33267

1. OWNER BARRICK
MAILING ADDRESS HC66 BOX 220, 28 MILES NE OF GOLCONDA, NV 89414
ADDRESS AT WELL LOCATION HC 66 BOX 220, 28 MI. NE OF GOLCONDA, NV 89414
Subdivision Name: County: Humboldt

2. LOCATION NW ¼ NW ¼ Sec 27 T 39 N/S R 42 E
PERMIT/WAIVER No. NW / Issued by Water Resources Parcel No.
Latitude N41°19'2.81" Longitude W117°19'4.21"
UTM E N
☒ NAD 27 ☐ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Replace ☐ Recondition ☐ Deepen ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal/Industrial ☒ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☒ RVC ☐ Air ☐ Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvium		0	20	20
Sandstone and siltstone		20	55	35
Quartz and clay		55	70	15
Quartz, chert, sandstone		70	75	5
Quartz, chert		75	80	5
chert, siltstone		80	90	10
siltstone, sandstone		90	100	10
chert, sandstone		100	110	10
Felsic dike		110	115	5
silicified siltstone		115	120	5
sandstone and siltstone		120	125	5
silicified Breccia and chert		125	130	5
chert and felsic dike		130	145	15
Sandstone		145	155	10
siltstone		155	170	15
Breccia and siltstone		170	185	15
claystone		185	195	10
Diorite		195	210	15
Black siltstone		210	260	50
Altered diabase		260	295	35
Black siltstone		295	350	55
Altered diabase		350	365	15
Black siltstone		365	650	285
Diabase		650	705	55
Diabase and siltstone		705	723	18

Date started: 10/18, 20 09
Date completed: 10/31, 20 09

9. WELL CONSTRUCTION
Depth Drilled 723 Feet Depth Cased 723 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12 3/4	Inches	0	Feet	23	Feet
8 3/4	Inches	23	Feet	723	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4½	10.8	.237	0	723

Perforations:
Type of perforation VERTICAL SLITS 2" LONG 16/FT.
Size of perforation .020
From 449.59 feet to 723 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 411 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 435 to 723 ☐ Pumped ☒ Poured
Type: 10-20 SAND
Bentonite Chips: ☒ Yes ☐ No 411 to 435 ☐ Pumped ☒ Poured
Type: 3/8 CHIPS

7. Water Level
Static water level: 470 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: COLD °F
Quality:

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
7½		10

41.234114°N
117.234503°W
NAD27 (A)

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name LAYNE CHRISTENSEN CO (Contractor)
Address 12030 E. RIGGS Rd. CHANDLER, ARIZ 85249 (Contractor)
Nevada contractor's license number issued by the State Contractor's Board 43608
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M-2215
Signed (By driller performing actual drilling on site or contractor)
Date 11-6-09

(Rev. 05-05) USE ADDITIONAL SHEETS IF NECESSARY

2009 NOV 25 AM 9:52
STATE ENGINEERS OFFICE
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